## PrEFACE


 Masemon, Sitata Gettements, and H. M. Fentletury, Syatmatic Entomologist, Federated Malay Sates Duseums, ont Pit. Fhat
 axemsive collection wet made unon the monatains,

The paper is divided into three parts. J'he farst is a list of the specica armarged aceording to the adtudes ate which they were
 spectinetis collecterl bit that camp anoll it probably represent the abumdence of the specters att that altitude.

No reptiles were foud above s, obe iect and no amphitians above 10, 3nd feet. In contparisorn with this it maty de rectled that


 whird the differat cotlections were mate will be toutal in the
 Bosany LXIl, pl. I (19T4). A third is giver its thais "Bulketan".

The second part of the artecte gives at detailed accoutt of the coltection in ge far as the material obtained provides fresh informarion.

The following species are described as mew:-



The followisg changes are made:-
 conies a surnomy of it.
Ostertaram becomes a synomy of Operatoga.



 tut


 of whem, token at 8 res, ft , was the highegt reatile mel with,



 for the moumtain.

Gan Korinchi Prat- the histest species secured Gear the hallequy ramp
 दBiky, C. M. K.

## 


 becomes a synamy of Ph. athifasciatho.
Lygoronda kimpatmotis is revted as a valid species.
 C. grobows his

A series of water-chothr atelches by Mr, Chatsen together with moter made by lam at the time af coliection, lave enabled me to fluscribe the limag columes of at nunder of the species.
"The third part of the articte is a list of ath the amphibians eust reputhes that lave deen fonnd upon the mountain from 3.000 fees $11 p$ watis.

Mr. C. Boden Kloss, Dirceror of Muserms, Straits Settlenams and Federated Matay States, has permited me to retain for the British Musen of kntural History the types of the spectes here aceribect, totether with it reftecnhatie series of specimens from the collection.

 Singapore:-




Mr. Noman Smeiley has panted our to me that Gedordere-
 they are not so markedly developed, and that it would be more



## PART T.

I.ist of species amanmed according oo the altiturdes at which Nicy were collected.

Kim, all. 3:000 feet

## Asifuterane


 fiscal Moctuard, z? Romp macrodon Dum, and Bibe, is R. huht



 frofor (Feters).

## Lizatils









 4.

## 乌WHES









 Ginitl1， 2.

IKerolrole，ali， 3,300 feet
Amplateidxs





］－12aRDS

 Feters， 1 ．

## SWates

プrimersupus graninncs flew ，I．
Lohang．alt，4，000 feet

## Abritulaws

 venh．）$)_{1}$ ：

## I．izards

Calptes cristatelms（Kull），2；Mabriva mathatmada（Gray），1，
Swates

remomplot，att．4， 7 oo jeet

Kisma kuht Distu，and Dits，E
Lxzups
Japatart rugritabris（Peters）：I．
SW0

Marel Farol，alt．5000 fect

## Aurparmaks




## LT2ん215

Eygosont binabinemig Eartlelt， 3 ．
5sures

Lumu Jumn，alt，5，500 feet
Amentians





## LT7anas




## SNATES




## Eamboragah，alt 7，200 feet

Abphielats










## SWAER


Fralifn alt. ID,200 lect

## A3PMEDANS




$$
P \& R 11 t
$$

Detailad recomme of the collaction.

## A ? P P F PA

## Brecgpplisy monticola


 17. ©



 of the specius tisually fonowt as momban. Jitue reference to it in

 substitutui for monticold. T"lye acgeription is slight, but the indea-

 disamreed as to what spectes was intended.

## Megophrym gracilis ,







## Ieptobiachalin baluensis, sp. soy.

## Plate I, Eig. 4

A sirgle specimen Srom Kamborathgah.
Description of the type. Tomene not mithed lyehind; head as bront ns long, sumut broad ry roumade as long as the eyc, not projectig herofid the lower fow fuogril meater the tip of the stiont
 feclay cotionve interorbith spare inoader dian upper dyelid:
 from it by hati its owir diameter. Frigers moderate, their tips dilated; 万rist firmer much shorlar thrm second which is loager that





 sinothlet"

 ont on the laite; sites of the bead blackish and marow black eross-


Hrame mibul to remt for mita.
 species how indelution in the rembri-
 Loretal region abligum $\qquad$


 $\qquad$ + - balter"llat.
 this Jow speries and fer comvined that fit papid it Jife is round tutd hol vertical as orfgisally statod (Journ. Sasawak Nus. III,
 on this point.

## Bafo leptopus

 Lumis Lـilutur







 bity with the resstit that I relet alll the Einu Bala material 10

 lamerr leg, hess marbe skin, browner coloration, and srows to a

 possibyy comfusiture it with tuptoprer
 ond Fiven fom kina Patu. There is however a single example
 I refer to lids species.

[13]

## "inctoviluygn tivacta

Wany spechens from Kamboramein and jour from Paka




INectophryne ratitudimis, sp, 1104.
Plate 1, frg. I.
Descriprion of the type. Adelt fomale, whith ripe owa, collected it Pabkik, whin. 10,200 feet.

Tody maderabely stont, limbs moderatefy slonder. Head




 boluse at the tips; fyst binger it ithle shorer hatistencond furger


 woes tearly fulfy wedbed, the umburthe reaching hap thps the last
 two phalatges, wo fat inctand to the shomtder
 Upper parts with stiatid

Therkish alowe, the retiebrat regor with samell yellawish of ant belly binckish, tue retter sition below

Hom Sem more femates were coffected in the sirme


 of the cye. The tibio-taral attoctur may be of equat length atad the shoulder; the third and hith toes inty
 Th sompe indivitunls the
extends on to the belly
A single male sperimen was collected is of mom

 artatli. fram both of which it draterstion sumbler chataters. The the obluse dightal ases and in many otior fire thorning sum at an first succinen captured wha secn sine of this toad are few in altitude of about 50,300 edt. ammber and lares in size, fite sitelline sphere meassit
[ 147$]$
Bultu Rheraes
diancter, Ait canmination ul the stomach contents slowed frag menta of beetes anmi smill crustacea ambug otive things.

## Phrynoglonsus bahnensls




Orobotmelats buthentis wats described from a single indivitual obtained on Irina Jialu by Jor. ha. Hiutitsth, the present collection

"hace is mat much to adth to the original deacription of the spectes. A slight tarial fold is present atat the thio-tarsal striculation in maty examples doces not astand beyand the atherior border of the eye.

The dorana cojotation of muast of the smocimena is bery dard grey, but two manlus stre pale grey in colour with a lroded dark ferteral band. Sonte have a fate brown splash upan the occiput.

Qables are smaller than temates. The largest mate is 22 mith. From snout to well, the latigest fentide 33 mint,
 Ot Alte Rour of tife motuth mid-way between the congue and the anper of the jaw olhe eges are strongly pignented. They nteasure anm. in anation.

The getus orobutmothas has bean distinguigled from Oouidozyga (biryglorsing atce, by the presence of a bony style to the
 such fold however is to be fonad in the present serjes fand in exambation of the type spectmen shews that it is at corrugation
 thechentry


Stctual Apparatus of
Oocisodyge.


2
Tonguc of Phymoglossus.


3
Tongre of Ootidgenga.

MES 5, 103t
(15)


 and 0 . Wevis hasing weld deviloped hony styles. In sompexamples

 preparation it is very elcal.
 of the other members of time pethe that 1 propuse to tetain it in as genles ly itedt: bife recenter deacohed dsteostamatir will become a syncuym of it, For itte jembining succics now placed under Ootiduengo the name Ffrynoglassus is nutilable, with Orodata
 jollows:-

## Genes Oomidoryga

 in Bult. Sc. Nat Gied Patis, $[1,184$
 Sthat


Otraptertams Hesen Weal Wu, Coatr. Eigl. Lab, Sci Boc. China.

Tongre pointed rand extensively free behind: no vomerine teeth; ofnasternum forked at ble bilke; sternnm with a bony style; ympanum hidden: digite pointed, tnes extensiwely webbed.

Species. Ootidostrat himer (Tscluadi).

## Genus Phrynoglossus

 Murticusi').



"Fongue tocided er feebly mieged hehitul, free in its posterior thiad only: no vonerite teeh; omosternmo forted at the baser
 toes welbbed.

 forerima (RTertenè).

## Ranla luctrose

A Javes series whs colleted at Jian. Three tadpoles obtaimed kifine somewhat is colovalion from the deseription, The basal half of ihe tail is mottled with black and yellow these markings
 more or less tunifom pale brownisit colant.

## Rana jeztot

 berintoth. "Two toretts can be differentiated in this series

One has a slishty matrower head sucd slightly longer lear Ins colour is browing aloove. the hinder part of the thiges baris mairbled with dark hrown and yellow. This form agrees with athe fypatal one frown hatang.

The other has in somewhat broader hued and slighty sforter leg. Iu colour it is greyer and the back of the thighs are phichly
 examples hawere conned the two forms completely.

## Fitna whitherdi

Colouts in lime "Above darhe green except hind linobs which
 sicte of truati silvery ullite? Fimbe brawnisin:

## thanch chalconota

 The kabeo spechach in life was "brownist olive rbove, back of
 muder, the arms, reddigh ander the lege, Weh of toes black".

## Fana tuberilinguís

 $1 \operatorname{la}^{2} 314237$

Thintront exarmiles from Fintu, one from Kenokele, one frouth L: 2min Leumyt.
 Tha thomarstl atriculation reachea to the tip of the smont.
 bright green, paler helow ${ }^{\text {a }}$

## Simomantis letopalmata

## A simgale nale specimen from Kitau.

The vocal sats appear externally at vere distimet folde arl eldit on cithet side of the throat below the ningle of the jaws. There 1s agray nuthal asperity on the first finger. Ftom snout to vent 45 r1121.

## Phthophorus acutirostris

## Three cxamples from keradrok.

Ote in the was colomed "odive albove pale orange helaw.


 and black."

$[1 /]$

Due grecincu from kabryan at the fool of the mountatin. alt. 600 feet. Nor previously retorded fron Kition Thalu.

Thite edotrs in life ware as follows:-"Brown aloave, with irregtar reddish and blackish marlengs: flation ycllan. spotted
 duderpatts dull yellow, webs geranitm-pink."

## Philautus ampents, sp. nov.

## 

Descriptian of the lype. Female callected at Famborangal. Hated modetate, broader that long. Snout rounded, the loge as Whe eye, not projeating beyond the lowet jaw; nostri] a litie nearer the tip of the stom than the ege; cantlous restralis fairly distimet; loreal perion obligne, fechly comenve; inter-orbital space broader than upper eyelid; 1ympatarm fedbly distinet one-third the dianeter of the eve.

Fingers tather short, frea, with targe discs, thoge of the anter linuers beiner larger than the tympanim; (irst finger much shorter than secoad which is much shorter that fouth, thind finger longer Whan the shout, twice as lone as the steond. Toes one-third wedsbed, theif tises smatler than thase of the fareers; thord toe ats long as the fith; subtarticular tubectes moderately developed, an indistinet月at intuer metatarsal tubercle; the tibio-Etrad articulation reaches the eye. Skin of the ufper patts smooth, of the throat and belly branulat.
 mankings more or less connected to emeth other and formenge a detinite protern, hamely an oval patch on the mope, an elongated one kown the middle of the back and a band along either flank; at whete bar between the cyes and white spots on the lips; limbs banded with dark browt and white. Below whitisis, heavily powdereal with browar.

From shout to went 24 mm .
A second specinem, jwvenile, from the type locality agrees well with the typer, except that the marlanges upora the upper parts are litss broken up and the under parts are dark brown with a few white spots.

Allied to PN. Mroynge frati which it differs in the shorter hind limble and vary clistinctly in colond patterm.

## Philautus pictars











 as beinge from the Eist Indies and tulartumately cannot now be
 acquirel at male Troe from Jawa which Dr. Boulenger incotiffed
 sather widely dilated beth ofre certainive mort wotical, and execpt for at slighty shaster leg thd shoster mith to the toes, this spermen agrews with the frogs evllecterl on kima Bafu which 1 refer io





 not frublish.
 somi (type locality, Tjibocias, dava), rests upon a sincte specintan witch is in the Indiani Auseush, Galchtat; Llarougl the kindress of Dr. Praslad f have vecturly bern alole to examine it and have no
 "He spectum is rather entelen hat is of herwise ith a good state of progevation. 'The dappils are dituond-bhaped witlo the fong asils horizontal.


 Nacturatis las no interalary ossitication is an error orimy part

Tu contlude the story Prifhims fiarosignetfrs (Peters) wit becrate a sybuny of Phitavitus margatifer (Doutenger) and
 Hrits (Setilegel).

Whathér Ph. Arargaribify fronl lawa should be considered distinct from firdm (Bomed, Sumatra ard the Mallay Peninsula) is iloutbiful, the charactor which scparates then being only the exlent Dif the to the thes. In the former this fe at the hase oulv, in the latter the toes atre nbout bueshitid woblicd. It wapld probably bo more enerect to remare the apecies as races.
 smeoth stin atad the skitm bemg adherent to the skith if find at
 coli，！white the assitication of the skin ower the fromeparietal regitis appeats to be ans adult character aned is present both in piotus and in whremfict．

Philautas spantatas，spe now

## 

Pescription of t？tree．Head broader that lang 5abut

 wery oblipue，concove；interorpital space bronder than uppler welid； tympanth distinet，hati the siameter of the eye．

 numela slotite than second which is mucti aldorter then fourth；thised
 halt weblech their discs smatles than thane of the tiugersi ditd toe





 rounded ubberes lielow the vest
 an the shotule and and chark transuerse merninge across the top of the heal nud suout；limbs with diatl：cross－bars，below white specked with taris brow

Froms shout to retil 30 mma ．
A sifige fernale speciadern from Kenokok．
Athied to Fh．bergitersis and ph．jotodroms．Froms lath of which it diflers in the larger freat and the bonical thereles atong the limhes הnci Lody as well as in colorations．

## Philatus potersi

Mr．Clansent tatarles that it was the commonest amphibian ppon
 are in its layan peptesentative IM．andijascieffor．
 Lut the Boor of the mouth on cither side war the ancte of the faw Tlee eges in a female 30 man．from ghont to vert meastre 3 man，in

 famale 3 atim．

## Plilatatus miobergi

 $13.16+|3| 1,1$
 Muturl at 7,000 feet altitud．The present eollaction eontainz a
 7,300 Fect，and one from Pakk at 10 ．200 feet alticude．＇lloy agree well witb the Mt．Nuptud，speciutens，hat their separation：「rom some
 veriation．

## 变alophrynus pleurostigma


The katulyoratgath sporimer has a lymgat axillary ocedue whit is coloured like the nsual insurat me，

Kamboramerh， 7,200 Feet，is a rembirkably lugh altitude for a 5pacies wheld is also found at sea level．The wohbing of the toes
 heve atmost fully webled feet，but in ofter respeets it does not differ from them，

## chaperina fusca

 ［9－5．15．${ }^{5}$
 13． 124


 refanded．

## LIZARDS

## $\sqrt{\text { stynnnodacylut baluensis }}$

 rangath，If ex．

Three ane mates．Thuy heve 7.9 ．and a preatal pores resper－ tively，but to fembral，alathoutit some of the erlarged femprat scales shew pirs．

The matarged transumse suberadal plates may be complete of divpded inta lwo．

## Hemiphyllodactylus typus

A single gperimen of ans tare yecto was oblained at IKiant．
Jt agrees well with Eleclier＇s description

## $\checkmark$ Draco cormutus

One tuale and wo females from Kizu．
Tho patagrinm of the atiale is deap，dall red in colour，that of the femate orange of greyish with r［te tesun］mathenes．The male gutar sac is a litde longer than the head and is covereal with wery shatl scales，it is lemon－jellow in colour ent there is no indication that it was red in life as stated int the deserijotion．The fermale has a longitulimal fold don time throat，bat there is no trace of any posch．

## －Japalura ornata


＂Two aduld nite specimens from Kian．
 it projects pertically upuards lyut is faciol and can be beat in any difection．Tles obligue fold fis front of the phoulder is barely indicated and loce is no trankerse gular fold．Tite limiles are very lenge and stencer，the hind mes stading to well beyond the tip of the sront．
 evident markiters，

The fail is broken in both examples，but enother atate far the British Musenul collecinn measumbs，as follows：－Jead and body 55 ，tail 115 man．

## Japalura nigtilabris

Fitur，I ex－Kenodok，I ex．，Tenompolis I ex．，Lumu Lamu． 1 ex．，Kamborangalh， 2 exs

The Kemokok sperimeit was coloured in bite as follows：－ ＂Bright gren abowe，freckled ont the dorsum with blach；greenis） white below．Tlure orange apots on the upper lip and atew ebove the eytes and on thee sides of the head．Thront broadly striped with orange，Four indistingt broken transerse bands on the body＂．

## $\checkmark$ Tropidophorus beccarii



Four specinens froth ditath


$$
30 ; 293434
$$

T＇．mogurari as I have poined ats in the referestes given abow，shosid be tegarder as is symonytu of $T$ ．bercemiii．The waria－ fina in the number of state－rows in the species over its whole range

 seates）logeterer with slight diferences ith colotation．The daracer
 arother，and the nurdber of lorgats，whether one or two in a series， is of the value in this specters．

The uration in the humber of setwerows in the Briffoth Whseupe collocton is at follows：－

Sataty，Bambutio of 30,30 ．

Alar Riset，Sarewak，juy，然．
Bidi，Sätuak juw． 36.

## v Tropidephorus brookei

The example from Kinlayo．neas tite toot of the momizan．It hus not previatshy been recorded from the region of Kinat Balu．

The vardition in the number of scalewens at mith－body，when more matertal is avaidable，will probably he simidne to that of $T$ ， buctariis

The Britisly Mustumb collection shtw inse following varjationt


 wore 30 and 32 resuctively．

## v Lygosoma дieuwenlurisi



Freviousiy known from a single specimen obtained at Lang Bloe，in Nortjern Duld Bomeg．

Tike tollowing details stipplement the arimital description．
 rotes）latrer that the others．Distance between the end of the shout and the axatit I times in distance between the ansilla and the groin．Twenty smoolf lamellae wader the fouth toe

Colgur jas alcohnt，Back Jight brownish－cricen with strong motallic gross，ind munerous scattered titack spots and black edginge to mose of the seates；bise of tail aibove with black trins－ verge bands；toy of jead browner than the buck，the scales strongly Buthated with hiach；below light steed blaish or greenish．

Head and hody 72 tail go mm．

 respectively, dune outhry to crovefing and irceerembity of the leteral


 examples froma bomeo in the Brotish Masenn collection show the







 hind-less diety ychow: under surtace of tail, French-grey or blusth-

 Lath, Huthon rrey. She is the mose beantifit of all the lizards formil here, ln old mates, the cobalt blue of the throat is very brilliant."

## $\sqrt{ }$ Lygosoma kinabatuensig

 $1895 . \mathrm{P} .06$.

Lygoroma kimabirtusis was brichy described by Batett as

 species is cuile distinct, therefore I mame it to distisguish it from the others at present, inatil I call puoche more specinens. Being
 N. Forne (Ga, D. Hayihudy." De Rooy has referted it, with at guery, to the synanymy of $I$., twricgatam. Fortmately the type is stifl inatable and throutsin the kinumes of Mr. J3anks, Curator of Elre Surtwhi Nuseum, it has mow heen presenterl to the Britislı Nesematr.
 clescribed by Hartletr aro no lomer in the Musemin collection, not are
 Ansiat, Suc. No,
 ETvil, Mo rlarsedis, M


 sutunhty without harime seura the tyoce
"The shwelneen is in an extrenty bad suate of preservation and much farled, but sufferent remains to identify it without much


 spewimens.

Distane betwest the chad of the sumat and the fore-limb emoce

 thearly as large as the ex-opening

Rostrat conves, in gooil contact with the fronto-nasal which is
 חasal; potmontals in contact mith one antatier ar separated hy at
 together: six or sumest senmomiars, the frest thre fin contact with

 1he widdle of the erye.
 laterals a lietle smathe that the torsals of yentrats.
 wrist of the adpressed fore-linatit is to if lameline lieneath the toumin :ot.

Dark luroma albuve. the back widh sumaith yollow spols which atre more crowded alone tue sides: bper lialif of fank black with
 lathals witu blach sutures: whitish lagem, the throat untiorm or spotted witl| hitak:

 the femer sandes round the hody, fewer digital lameltac, sitortor
 L. ruricgatrat.

## SNAKTS

## Sibynoplis gemintas

140 specimens fom Kitu.
 This is mbeth lenger than and prevonaty recorded, but there is in
 which is almost as tones.

## Natrix mutucerss





 ment mb ariginal rentarns, and an excettent coloured sketely of the suate by Mr. Chasem enables me to deteribe the colous of the luriog dreature.

Themasals as long as or at litte shorter than the prefroutals; frontal lancer liati broad, as long exs its distance from the ent of the stant; anterior zisflinguls sharter than the posterior.*

Glime brown above with a more or leas distinct dorand sejpes of
 yellow spors on tile middle ast hinder part of the body and tail. Neck vernitlion above with intack spots arranged quincuncially; lips wermillion. Belly pralle greyish, with a longitudinal series of smatl black spots best matect towards the buter mergins of the welntrals.

The ventral nad subcaudnt counts of the five examples now known stands as follows:-

| , 178. c. 96. | Fitual Palur |
| :---: | :---: |
|  | " |
|  | +1 |
| Y. 176 ; c. 83. | M[t. A [urud. |
| क, V. \%90 ? | " |

## Orepalanntit hanitschi





A situge monle specinen from Narei Parei.
The type and only previonsly kinown specimen, also a mate, was obsamed by Dr. J.. Fanitsch on Kina Dahn at a, eno feet eltitude. It is now considerably blenched, but in other dharacters the secand exampen agrees well with it. As the original description is probably not readily tatessible to all anta as De Rooij's description contains a bad clotical errat", I lave drawn (if) a new one based on the two specituent.
*The originit deserizution statiag the reveree ts as stip.

Meavilary teeth 1 r , subegual. Shont pointed: rostmit as brond
 natsals which are tave the length of the preforitals; frontal lenger than Lront, !onged thas its distance froms the end of the stront, shorter than the parietals; nostril close to the postral, between a samaid masill pad the tirst dabial; doreal longer than high, its lower
 Jibials; one pree time one postocular; temporals $1+3$; eight supra-
 four fowto labials in contact with the atoterior sublitiondis which


 yellowish bolow, tumiorm of with a tew sentered botw dots; tail with a darle median atrend.


## Calamaria Vermiformis




The twa Comales (aditlts) are uniform brown above, the onter two scain-rows lume dirly whitish. The rentrats are white with
 incomptete. The male from Finat, a juvenile, is very datlo frown above will marow trabserse bats formed of small white spots; the head is liftht brown, paice at the eides. Delow it is cotomred like the lemales. "lhie colonr patpern is a jusenile one only; the white dorsal bats ilsuppering and atwe head beconing derler, with alge-

The achun specinans pepreseth the riost comman colon1" Corm and the moad widely distributed one, A rater colout form is one in waich the dark wentral har's blerease in size and meny occupy the whole of the wental surfact. More rately still the bars ate entidely absent.

The specimen froms Latmu Josmu (ndult) is tack above, the lateral margins of cach scale being white (yoilow in life) thers forniing series of white longitudinas lines; the belly is unform white. This colour pateetin, hetw with the dirle yentral bars added is rapre-
 de Kock, West coast of Sumata

Calkmaria pendebnyi, sp. nov.
Description of the type. Adull femate.
Diamuter of the eye one and a half times as great as its distance from the month; rostral brader than high; frontal one and at thalf times as lang as hrowd tot twice as leroad ats the suprabethar.

 twice as lone as the fourth; thental in cantuct with the anturior anls-
 Briur suthlurials is eontact with one avother. Scales it IS rows Vertals 1af6: aunal single: stibenudals io pairs.

Dark brum mbove, the calour extandere to the gurer thatrins
 ribdle of the outeras: row of scales' mhite below. Upper tip white tail worl ex darde median line.

Three spetimens examined, all from frian.
It bue, a mate, the eye is equat to its rlistance from the montion 'lhe scale counts are ins follows:-
 Sumbith amel E- indraghiod also from Sumatrat It difices from both in the longer mental shtied, hiae longer fifth labial. Fewer ventral sheiefd and in colour patern. Dr. Roux has hatedty compared one

 for comparisns.
[E tale this opporturity to paint ant that Guramaria batutersis
 G- erathonsty: Fitscher. I have compared the types and only finown specimens of the wo first named hosly in the firtizh Aluecum eallection, with paratypes of C . grabotught also in the same collection. nud with the execption of sliztht dilierences in the froportions of the rostral and froutal shielis 7 can find no character to separatu them.

In colour pattern tise three forms are ideatical. I bount the vantrat shands of C, momboni to lue Iffs, Dutu dridenty mado folem 172 , and 122 as given in his description is a typegraphionl error:]

## Taja naja miolepis

 muck, IT at mitid-body.

Maticora intestimalis
F'dur examples from Kialu. Als belong tor the colour forth tigrotacuatus.


## Flate Il, [7E. 1.

गwo specimens froni Fitas, one aduit and one hall grownt
Duscription of the type. Arlult male. Snout moderate; eye



 latere scales, hancely, thee finternasils, and one on bither side bex twern them and the aye six supradatials: socond below han mot borderfog the botal pit, thire highest and separaced from the cye by two rows of small scates. 'ler and elteren infralabials; it single pair of elangated sublinguals.

 stitutadas 20 pairs. Tail not prexamsib.
 whed posteriary tucone tinnsverse bands. Yellawish below
 bortered below with white.

z.6. $2=-$

The paratype does not differ in any irmportant particular from
 Yontrals 230; subandals 20 forics, tat hot quite complete. It is a female.

Trumacomas rharmi is most clogely relatod to Th, moutcota, Erom whicin it differs in the mutrier of scale-tows, the fewer infradabials and several outar smaller chancters. T. monticola has been recoriod from Sunatra (houlenger, Fitut Malay Pen., 1912, p. 216 )
 based. Otherwise it is known oply from continestal Asia.

## Trimeremur sumatranus

One entore examole from Lumou Lumbu. It differs from the recogrized ditseription jul lathing only ig scale-ruws and sliflitly


Six interoculats, eight and nitue supralabials; sede-rows Ig-Ig-


Green above, the top of the hentl and fore-part of the body heavily matked with? black, this colour becoming scarcer posteriorly and torming iudistimet transertse bands. Scales on sides of head,
 sulpace of tall red.
$315 \% 1031$
[29]

## 

Kian， 6 exs．，Kenatok，i ex
All dave ar scalerows att mithorf：

## FARTIII．

Just of the specios lanown to inhabit Mt，Kitat Ballu above 3．000 seet．
＊Those marlied with ath asterisik have not been tecorded before from the mauntain．

## 

＊Mrgnplays manitola Kiuhl and w，Itass．
－wasmos（Schlegedr．
－Hassotetif（Tscondi）．
＊＂．grasilis（Cuastler）．
＂，batmonsir（Bothenger）．
＊Leptodra－ltura daimonis M．A．Snution．
Nectaphorne mistrat Moequard．
f．weretti Boulenget．
＊S aturain MC Smit
Bufo leploptes Gunderer．
－spimblifer Mocquard．
，asper Graventiorst．
．，Wporatus Grayenhorst．
＊Faiohtmpas plewrostigma Trechudt．
＊Chaperina fusca Moequard．
Ehryoglassis badansis（Boulenger）．
＊Fona macrodon Dum．and Bib．
＂占uhi Dum and Dib．
n polawnensis Boulenzor．
，Lithtosa（Peters）．
＊，jarboe（Gūnther）．
＂whitehadi Bonlenger．
1）cavitympaimas Boulenger．
，aqureft Potilenger．
＊＂t chalconota（Schlegel）．
＊＂，atcobariensis（Stolicrke）．
：，indaribingris Botlenger．
．gratatus（tu unther＇）．
Cornater buthersis Bomenecer



，r matacroscelin Boulenger．
b andirntris Wougati．
－＂partalis Givallest．
＊Philontus fitus（Peters），
Fatera：（Dondenger）．
＊＂．mbocrus M．A．Smith．
＊！．spicalater ar．A．Simith．
＊＂．matourge $\mathrm{N}_{+}$A．Smilh．

## Latabers



$$
\therefore \quad \text { dohensis imocquatd. }
$$

＊ Hemidatyh fromas Dhum，and Hils． ，．Garnot：Dum and Bit
Peropas matathes Wuegmann．
＊Hemphathoderams whas Blecker．
＊Getra monarther Dugr．ansd Bit．
Pyehosoon rhacophoms（Bontenger）
Dutaco formatis Güther．
＊，Ambriatirs Kushl．


＊＂r formadir Banienger．
or obscarter Bonlentrer．


## fapalma omata Lidth．

 Hariadtis（Peters）．Galates crishadelars（Kullil）．
Mabeyd multicarinutd（Gray）
＂masitifarato（Kubly），
Lygosora foraitation Mocguerd．
4．wariegatma！Peters．
＊$\Rightarrow$ Kinadraturis Barthett．
＊J．nicumeahrisi lidth．
A．Olindewn（Gray）．
1：bererngii（Ginther）．
Tropidophorids becarii（Peters）．

Switits






* sorabachtis (Ginstler).

, drymprgu hanlermel.



Larodon whoturatis (Dhan. and Bab.).

- ofromedit (Sclumalor).
- 7 Everati (Botllencer")
$\because$ tedter midis (Gtintlocr)
Afdrabobes bratroutahs (Mocquare),
Gor, çfosoma hafoderama (Boie)
Gomrybormpa batracila (Eovio).


- 5utberwhor Fisher.
- Setcogurdar Blueker.
" Wacoler Drmp ätid Dess.

" Wrardewtat Bollemer
, Jatratis 10 poqumat

* Fisstrik frosua Hoke.

Midia nafo mutabis Boulerger.
Natmos thasthars (laturenti).


* If chaseri M. A. Smitli.

Explanation or Plaies



*", A. Leptobschedra delmonsis M. A. Guitla

+. $\because \quad$ - Faldesma omata Lidth de Tende.







2. 





